

GENERATIVE AI ENGINEER CERTIFICATE OF COMPLETION



THIS CERTIFICATE IS AWARDED TO

Mochammad Reyhan Mauluddi, M.MT

for successful completion of
Generative AI Engineer – Career Fast Track:
Large Language Model and
Retrieval Augmented Generation

MAY 02, 2026 - JUNE 13, 2026



DTSGENAI-130626-DS-632



ALVIN RINDRA FAZRIE, M.SC.
Lead GenAI & Data Instructor

Course Topics:

- Introduction to Artificial Intelligence and Machine Learning
- Machine Learning – Supervised Learning & Evaluation Metrics using scikit-learn
- Natural Language/Text Processing using NLTK
- Introduction to Deep Learning using TensorFlow 2.0
- Introduction to GenAI & Prompt Engineering
- GenAI/LLM Frameworks (LangChain & Huggingface)
- RAG – Retrieval Augmented Generation with VectorDB (FAISS & Pinecone)
- LLMOPS – MLOPS for Large Language Models using MLflow
- Building AI Backend/API using FastAPI & LangServe
- Building AI/Data Web App using Streamlit
- LLM Fine-tuning using LoRA and PEFT

Final Project:

- R.A.S.A – Reyhan Agentic Synthesis and Analysis
- Hybrid Intelligence for Complex Data: Integrating Property Database and Property Market Document.
- URL: <https://reyhanmauluddi-rasa-rag.vercel.app/>
- Streamlit: <https://advanced-rag-rasa-reyhanmauluddi.streamlit.app/>